

PHOENIX AIR GUNS LTD

# Fast Fire 10

## Pre-Charged Repeating Air Rifle

## Operating Instructions



### IMPORTANT

To ensure trouble-free operation of your new Fast Fire 10 air rifle, please read and follow these instructions thoroughly before use or you may cause extensive and expensive damage. The warranty does not cover any damage caused by not following the instructions correctly or by modifications to any components including the air reservoir, modification of which can be dangerous.

# FAST FIRE 10 OPERATING INSTRUCTIONS

(For clarity, no rifle scope is shown in the illustrations)

## RIFLE ASSEMBLY

Your Fast-Fire 10 comprises three main components; the rifle action, the butt-reservoir and the silencer. Also included in the padded hard case is a 10-shot pellet magazine, a probe-type charging adaptor and a bag of expendable spares comprising of O-rings for the air reservoir a high pressure Schrader valve for the air reservoir and a fitting tool for the valve. To assemble the rifle, make sure that it is not loaded and that the pellet magazine has been removed from the action (see "loading and firing" below for instructions on magazine removal). Next, cock the rifle by pushing forward the pistol grip until it reaches its 'stop', then pulling it back until it **'clicks'** into place (Fig.1). With the rifle now cocked, apply the safety-catch by pushing it from the left-hand side of the rifle's action.

Next, screw on the butt-reservoir by connecting its male thread with the female adaptor at the rear of the rifle's action and rotating the butt-reservoir in a clockwise direction. There should be little or no resistance felt whilst screwing on the butt-reservoir. If resistance is felt, you may have cross-threaded the connectors and you should stop rotating the butt-reservoir immediately. Reverse the rotation and begin the connection, rather than force further rotation. With the components correctly aligned, rotate in a clockwise direction until a firm connection is achieved. Excessive force is not required. Next, attach the silencer by either sliding it over the muzzle and tightening the fixing screw with the hex-wrench provided (Fig.2), or screwing the silencer to the threaded muzzle of the rifle. Your Fast-Fire 10 is now assembled and ready for charging with compressed air.

## Charging the air reservoir

The air reservoir on this gun can be charged in one of two ways. Filling directly into the reservoir should be done by unscrewing the air reservoir anticlockwise but **not more than half of one turn** at this stage. Unscrewing it any further will cause the remaining trapped air under pressure in the rifle to be released with a bang and may damage the O ring around the neck of the bottle. Point the muzzle in a safe direction; cock the rifle by pushing the pistol grip forward to its full extent and then returning it to its original position, when it should **click**. Fire the rifle and repeat this process a few times to release the trapped air. When the air blast from the muzzle stops you can fully unscrew the bottle.

The air reservoir can be filled with either a stirrup pump or a diver's bottle which must have a female 1/4" BSP fitting into which the air reservoir must be screwed.

Alternatively, the gun can be filled by removing the dust plug which is located below the air pressure gauge on the action and inserting the supplied quick fill probe into the exposed port (Fig.3). The gun can then be filled from either a stirrup pump or a diver's bottle. Please ensure that the dust plug is replaced in the filling port before using the gun.

**Allow about 15 seconds to slowly fill the air reservoir if filling from a diver's bottle.** The maximum pressures for the various bottle options are 400 cc - 232 bar, 190 cc - 200 bar and 150 cc - 232 bar.

**Use dry air only. The use of any other gas can be dangerous.**

## Loading and firing

**IMPORTANT. Failure to first cock the rifle before attempting to screw in the air reservoir will result in the total loss of air through the barrel, giving the impression that the gun is leaking.**

Cock the rifle as described above. If the pistol grip will not move then the rifle is already cocked and in this event, you should point the muzzle in a safe direction and fire the rifle to release the pistol grip. You should now move the grip forward to the full extent of its travel. While the grip is in the forward position, slide the magazine lock catch forward (this is located ahead of the magazine on the left hand side of the rifle and shown at Fig.4) and hold it open whilst removing the magazine. With the angular face of the magazine on the right and the hole at the top, rotate the rotor anticlockwise (opposite to the direction that says load) until it stops and the number 1 is visible through the viewing aperture located on the left face. Insert a pellet nose first into the loading hole and then wind the rotor clockwise (The direction of the load arrow) until the next chamber is aligned with the loading hole. Repeat until all ten chambers contain a pellet. The number 10 should now be visible through the viewing aperture.

Ensure that the head of each pellet is pushed through the O ring inside the magazine, otherwise the magazine may fail to index.

With the magazine again held with the angular face on the right and the hole at the top, the pistol grip in the forward position and the magazine lock catch also held in the forward position, the magazine can be inserted into the action from the left hand side (Fig.5).

Apply the manual safety catch by pressing the cross-bolt located behind and above the trigger so that the red circular mark is no longer visible (as supplied, this will be from left to right, but this can be reversed if required).

Move the pistol grip backwards until it **clicks** into place. The rifle is now cocked and loaded.

Only when the sights are on target should the safety catch be released and the rifle fired.

**To avoid accidents. Never rely on the safety catch and avoid contact with the trigger when cocking.**

To index the next shot, push the pistol grip forward as far as it will go and return it ensuring that it **clicks** back into position. This will both cock the hammer and load the next pellet. Repeat this procedure for each subsequent pellet. The number of pellets remaining in the magazine can be checked by looking through the viewing aperture,

**IMPORTANT. Smooth complete operation of the lever in a single action until it clicks into place is essential to the correct indexing of the magazine and to avoid pellets getting jammed.**

In the event of a pellet jam, it will be difficult to return the pistol grip back to the firing position and the magazine may be stuck in the housing. **Do not force the pistol grip as this could result in damage to the mechanism.**

To facilitate the removal of jammed pellet(s), remove the rifle scope and the sound moderator, push the pistol grip forward to align the probe retaining screw with the hole at the rear of the breech block (Fig.6). Now, with a screwdriver remove the screw to allow the probe to be withdrawn (Fig.7). Insert a cleaning rod through the breech end and ease the jammed pellet(s) through the magazine and out of the muzzle. Withdraw the cleaning rod, the pistol grip can now be moved forward and the magazine removed. Reassemble the probe and its retaining screw. Discard all damaged pellets.

After the specified number of shots (depending on which bottle option has been fitted to the rifle), the air reservoir will need to be refilled. Continuing to fire when the pressure is too low may result in pellets getting stuck in the barrel or will result in all of the remaining air being discharged through the barrel. If pellets get stuck in the barrel, clear them as outlined above.

## Trigger adjustment

The trigger let off is set at the factory for optimum performance and adjustments should only be made by the factory. Faults caused by unauthorised persons are not covered by the warranty.



**Fig.1**

*This shows the full extent of the pistol grip travel when cocking*



**Fig.2**

*For those guns fitted with slide over type moderators, tighten the fixing screw with the wrench provided*



**Fig.3**

*Remove plug (A) from the circled filling port and then insert the probe (B) into the port to fill the gun (the probe should be connected to either a diver's bottle or a stirrup pump)*



**Fig.4**

*Magazine lock catch*



**Fig.5**

*The pistol grip must be fully forward and the magazine retaining catch pushed forward before the magazine can be inserted or removed from the action*

### Routine maintenance

After use wipe all metal surfaces with an oily rag using a dedicated gun oil and after about 500 shots apply a few drops of this oil into the top of the air reservoir, filling the space around the valve. Smear the O ring to keep it moist, hold the reservoir upright as you screw it back into place in the action.

Fire the rifle a few times without any pellets and the oil will be dispersed through the action and will continue to leave the barrel for the first few shots.

### Do not under any circumstances use silicone based oils.

Grease should be applied to the thread around the neck of the bottle to facilitate fitting and removal.

The threads on the bottle should be examined periodically to ensure that they are not damaged and if any damage is seen, the bottle should not be refilled or fitted to the rifle, as it could be dangerous.

Apply a few drops of gun oil to the indexing cam visible in the magazine slot in the breech block and also oil the O ring of the magazine to ensure continued smooth operation.

### Expendable spares and accessories provided

O-rings for the air reservoir, a high pressure Schrader valve for the air reservoir and a fitting tool for the valve.

(Note: the Schrader valve used on the reservoir is not the same as the valves used in car tyres, which must not be used).

### Spares and accessories

Rifle scopes, butt-reservoirs, magazines, sound moderators and 1/8" male to 1/4" female hose adapters are available from the factory via your dealer.



**Fig.6**

*Push forward pistol grip slowly to align probe retaining screw with hole*



**Fig.7**

*Use a screwdriver to remove the probe retaining screw*

## POWER

This air rifle has been tested with a variety of pellets to ensure that its kinetic energy falls within the 12ft.lbs UK legal limit.

**Its power adjuster has been cut off and a tamper evident seal applied.**

**Any attempt to increase its power invalidates the warranty and the user is liable to prosecution.**

## ACCURACY AND PELLETS

A 10 shot group at 10 metres with the recommended pellet is enclosed with an inspection sheet. Exclusive use of this pellet will give the optimum accuracy and power. Other brands may be used but avoid brands that are dirty to the touch because they will foul the rifling leading to loss of accuracy. Do not lubricate the pellets as they will collect dirt and jam the magazine

Do not use plastic skirted pellets, darts or pellets containing a steel ball.

## WARRANTY

This air rifle will be repaired or replaced should there be a fault in workmanship or materials within a period of 12 months from the date of purchase. The warranty does not extend to the stock, magazine or O rings, which are subject to fair wear and tear. All returns must be through the supplying retailer and the rifle must be accompanied by proof of purchase showing the date.

After the warranty period it is recommended that the gun be checked annually by the factory via your dealer.

## WARNING

**It is a serious offence to carry a loaded or uncovered air rifle in a public place. An air rifle is considered to be loaded if there are pellets in the magazine and this is the case even if the magazine is not fitted into the rifle.**